



Features:

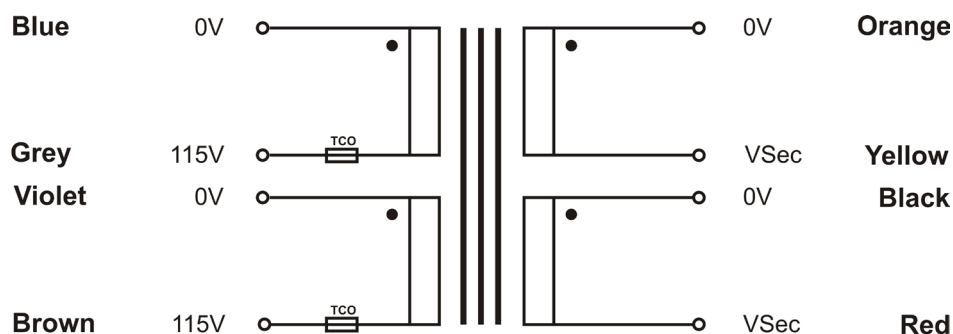
- UL Approved
- Audio grade toroidal with 27Q120 core
- 2 layer GOSS band shielding
- High Quality Open Style Toroidal Transformer
- Dual Primary/Secondary windings
- Thermal fuses fitted to each Primary winding
- Very low level radiated magnetic field
- Supplied with mounting Kit
- Compliant Standards, EN61558, EN62368, UL, C-UL, CE and UKCA.
- 100% electrical and flash tested.



Description

High quality audio toroidal transformer, designed for low noise and superior sound performance. Based on our proven VTX-146 series, these transformers feature dual primary and secondary windings for 115V or 230V AC operation and are built to the same strict standards (EN61558, EN62368, UL, C-UL, CE). Optimised for audio applications requiring low mechanical hum and minimal electromagnetic interference. Supplied with mounting kit and available in a range of power ratings, with custom versions on request.

Schematic



Lead Length: 150mm stripped and tinned ends

General Specifications

Input Voltage:

Series: 230V (200V–264V) @ 50/60Hz
Parallel: 115V (100V–130V) @ 50/60Hz

Standards:

Compliant to: EN61558, EN62368, UL, C-UL, CE, UKCA, RoHS.

Terminations:

Primary: 150mm long, flexible, thermal fused, double insulated wire UL 1672, 300V, 5mm tinned ends.

Secondary: 150mm long, insulated copper conductors, UL 1015, 600V, 5mm tinned ends.

Physical Dimensions:

See drawing and selection table.

Temperature Class:

Fused temperature of failure (Tf): 130 ° C
Winding wire: ANSI Type: MW30 Class H (180 ° C)
Insulation between input & output: Class B (130 ° C)
Connection lead insulation: Class A (105 ° C)

Mounting Kit:

- Metal Mounting Plate
- 2 x Rubber Pads
- Nut and Bolt
- 2 x Washers & Spring Washer

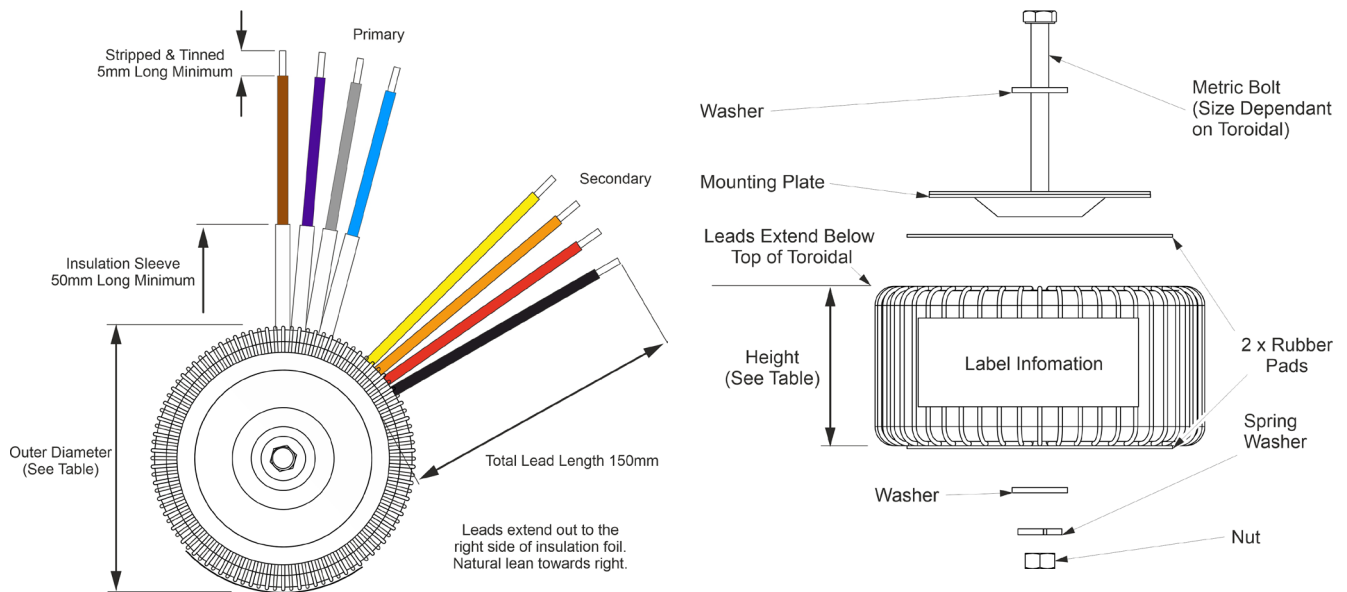


Please contact Vigortronix for any enquiries. Products can be altered to suit custom requirements.
The information contained in this document is subject to change without notice.

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Assembly Drawing



Figures in the table are nominal.

Selection Guide

VA Rating	Part No	Input Voltage (Vac)	Output Voltage (Vac)	Output Current (A)	Regulation (Typ. %)	Temp Rise (°C)	Height x Dia. (mm)	Weight (Kg)
80	VTX-146-080-209A	115 / 230	2 x 9	4.44	11	50	44 x 96	1
80	VTX-146-080-212A	115 / 230	2 x 12	3.33	11	50	44 x 96	1
80	VTX-146-080-215A	115 / 230	2 x 15	2.67	11	50	44 x 96	1
80	VTX-146-080-218A	115 / 230	2 x 18	2.22	11	50	44 x 96	1
100	VTX-146-100-209A	115 / 230	2 x 9	5.55	11	53	46 x 97	1.2
100	VTX-146-100-212A	115 / 230	2 x 12	4.15	11	53	46 x 97	1.2
100	VTX-146-100-215A	115 / 230	2 x 15	3.33	11	53	46 x 97	1.2
100	VTX-146-100-218A	115 / 230	2 x 18	2.77	11	53	46 x 97	1.2
120	VTX-146-120-209A	115 / 230	2 x 9	6.66	10	55	49 X 103	1.4
120	VTX-146-120-212A	115 / 230	2 x 12	5	10	55	49 X 103	1.4
120	VTX-146-120-215A	115 / 230	2 x 15	4	10	55	49 X 103	1.4
120	VTX-146-120-218A	115 / 230	2 x 18	3.33	10	55	49 X 103	1.4

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